



10. A sulphite ion has the following formula:
A. SO_3^{2-}
B. SO_4^{2-}
C. S^{2-}
D. $\text{S}_2\text{O}_3^{2-}$
11. A nitrate ion has the following formula:
A. NO_2^-
B. NH_4^+
C. NO_3^-
D. N^{3-}
12. Which one of the following compounds is nitric acid?
A. H_2CO_3
B. HNO_3
C. H_2SO_4
D. HCl
13. Baking soda is used as a rising agent in baked goods. Which one of the following compounds is baking soda?
A. KNO_3
B. NaNO_3
C. Na_2CO_3
D. NaHCO_3
14. Use the Periodic Table. Which one of the following elements is a metalloid?
A. As
B. Pb
C. Al
D. P
15. Which one of the following substances will conduct electricity?
A. Sulfur
B. Graphite
C. Phosphorus
D. Iodine
16. The conducting ability of which one of the following substances will rise as the temperature increases?
A. Carbon rod
B. Germanium
C. Aluminium
D. Iron
17. Which one of the following substances is a thermal insulator?
A. Polystyrene
B. Foil
C. Glass
D. Copper
18. Which one of the following substances will be attracted by a magnet?
A. Zinc
B. Nickel
C. Aluminium
D. Copper
19. An element with atoms with the electron distribution $3s^23p^3$:
A. is a noble gas.
B. falls in period 2.
C. has 15 protons.
D. has three valence electrons.
20. Which formula of the metal M does not fit?
A. MSO_4
B. MO
C. MCO_3
D. MCl
21. A good example of a homogeneous mixture is:
A. water and sand.
B. the gases of air.
C. coffee powder and sugar granules.
D. coffee with pepper.
22. The correct formula for sodium carbonate is:
A. NaCO_3
B. NaSO_4
C. Na_2CO_3
D. $\text{Na}(\text{CO}_3)_2$
23. The bonds or forces between the atoms of ammonia are:
A. hydrogen bonds.
B. covalent bonds.
C. Van der Waals forces.
D. ionic bonds.
24. The unit in which the mass of an atom is measured:
A. atom number
B. amu (u)
C. gram
D. Angstrom

